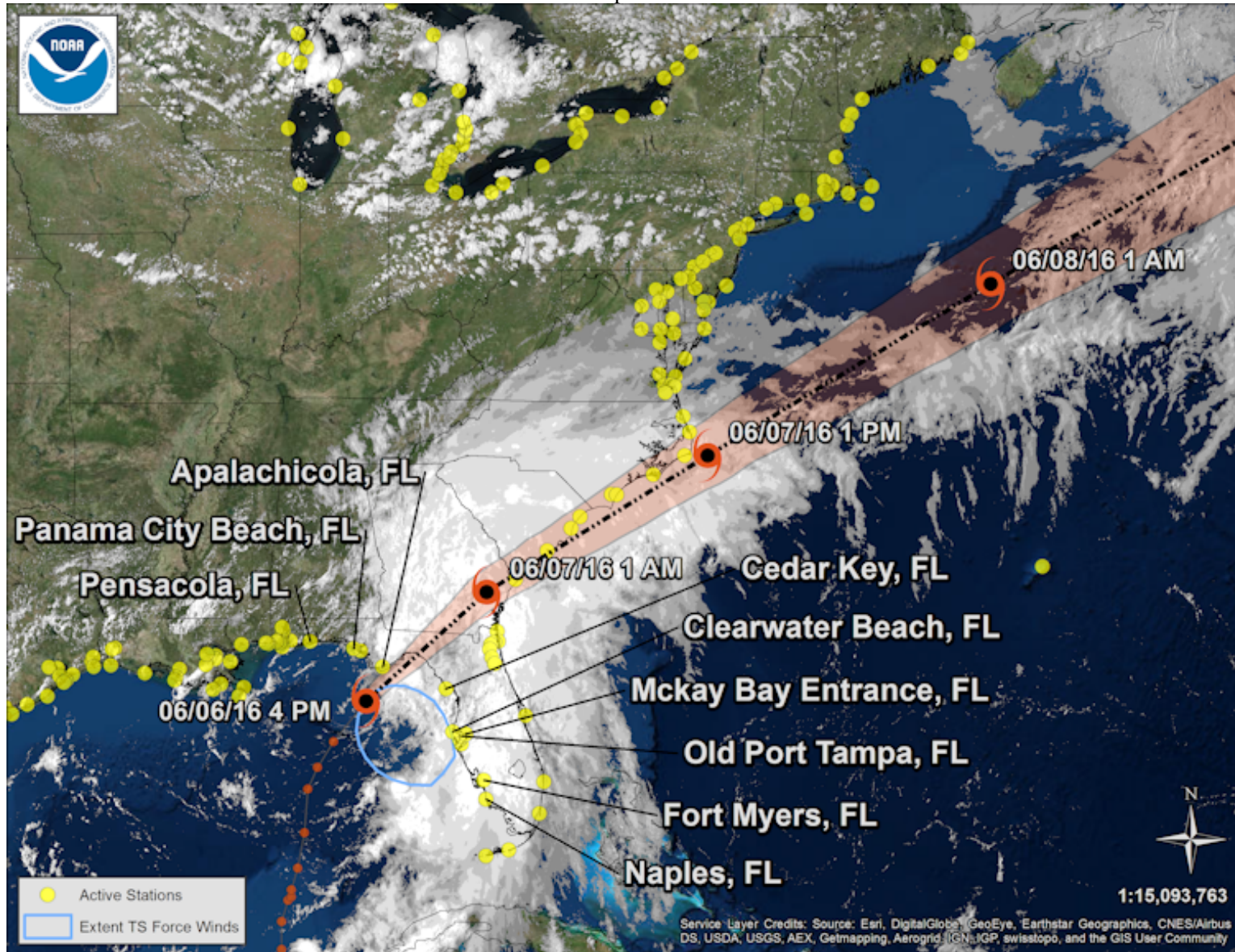




Tropical Storm COLIN QuickLook Posted: 17:00 CDT 06/06/2016

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 06/06/2016 17:00 CDT, water levels along the Gulf Coast of Florida are 0.50 to 3.10 feet above tidal predictions. Wind speeds along the west coast of Florida range from 5 to 20 knots with gusts of over 30 knots. Barometric pressure continues to fall across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: AJC

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM COLIN ADVISORY NUMBER 6

NWS NATIONAL HURRICANE CENTER MIAMI FL

400 PM CDT MON JUN 06 2016

...HEAVY RAINS FROM COLIN SPREADING ACROSS MUCH OF FLORIDA...

SOUTHERN GEORGIA...AND SOUTH CAROLINA...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

The Tropical Storm Warning has been extended northeastward to Oregon Inlet North Carolina.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...

* Indian Pass to Englewood

* Sebastian Inlet Florida to Oregon Inlet North Carolina

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

At 400 PM CDT, the center of Tropical Storm Colin was located about 70 MI SSW of Apalachicola, Florida. Colin is moving toward the north-northeast near 23 mph. A northeastward motion at a faster forward speed is expected tonight and Tuesday. On this track, the center of Colin is forecast to move onshore of the Florida Big Bend area this evening, then move across northern Florida and southeastern Georgia through early Tuesday morning, and move near

or over the southeastern coast of the United States Tuesday. However, it's important to note that the strongest winds and heaviest rains are well removed from the center.

Maximum sustained winds are near 50 mph with higher gusts.

Some strengthening is forecast on Tuesday and Tuesday night.

Tropical-storm-force winds extend outward up to 230 miles to the southeast of the center. A NOAA coastal marine observing site at Venice, Florida recently reported sustained winds of 44 mph with a gust to 60 mph.

The estimated minimum central pressure is 1002 mb.

HAZARDS AFFECTING LAND

RAINFALL: Colin is expected to produce rainfall amounts of 3 to 6 inches with isolated maximum totals of 8 inches possible across the northeastern Yucatan peninsula, western Cuba, northern Florida, southeastern Georgia, and coastal areas of the Carolinas through Tuesday.

STORM SURGE: The combination of a storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters. The water could reach the following heights above ground if the peak surge occurs at the time of high tide...

Indian Pass to Tampa Bay...1 to 3 ft with slightly higher amounts possible in a few locations.

Tampa Bay south to Florida Bay...1 to 2 ft.

Localized coastal flooding and dangerous surf are possible along the Atlantic coast from Florida to North Carolina within the tropical storm warning area.

The deepest water will occur along the immediate coast. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

WIND: Brief squalls with winds to near tropical storm force will be moving through portions of South Florida through this evening. Tropical storm conditions will continue across portions of the warning area along the west coast of the Florida peninsula through the evening. Tropical storm conditions are expected to reach the warning area along the Atlantic coast by overnight tonight.

TORNADOES: A few tornadoes are possible today and tonight across portions of Florida and far southern Georgia.

NEXT ADVISORY

Next intermediate advisory at 700 PM CDT.

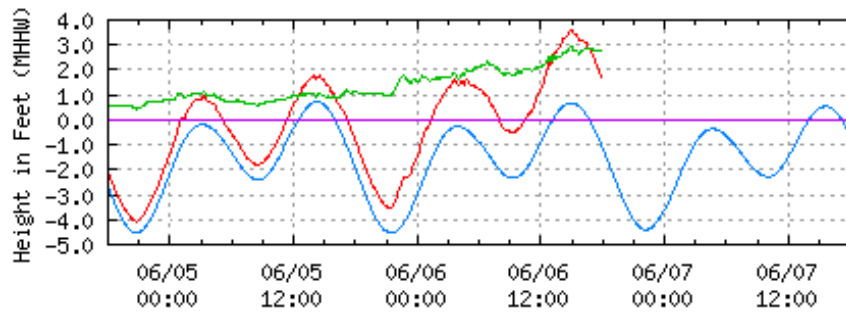
Next complete advisory at 1000 PM CDT.

Forecaster Brown

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Mckay Bay Entrance - Water Level](#), [Old Port Tampa - Water Level](#), [Old Port Tampa - Winds](#), [Old Port Tampa - Barometric](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Naples - Water Level](#), [Naples - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Panama City Beach - Water Level](#), [Panama City Beach - Winds](#), [Panama City Beach - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Winds](#)

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 06/06/2016 17:54 (EDT). Data relative to MHHW

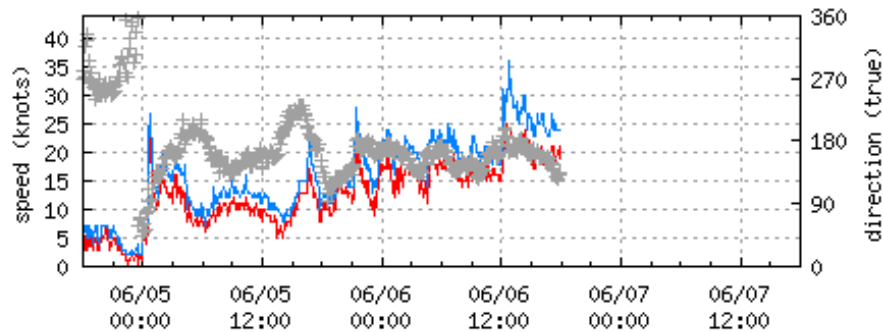
Observed: 1.72 ft. Predicted: -1.06 ft. Residual: 2.78 ft.

Historical Maximum Water Level: Oct 7 1996, 5.15 ft.

Next High Tide: 06/07/2016 04:41 (EDT), -0.37 ft.

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL

Wind Speed / Gusts / Direction

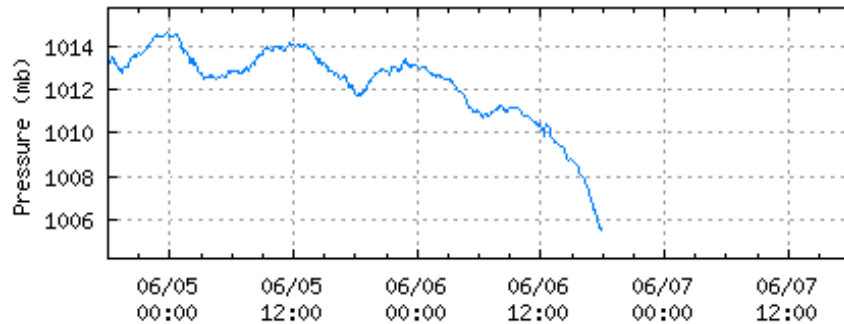


speed — gusts — direction +

Last Observed Sample: 06/06/2016 17:54 (EDT)

Wind Speed: 19 knots Gusts: 24 knots Direction: 133° T

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL
Barometric Pressure

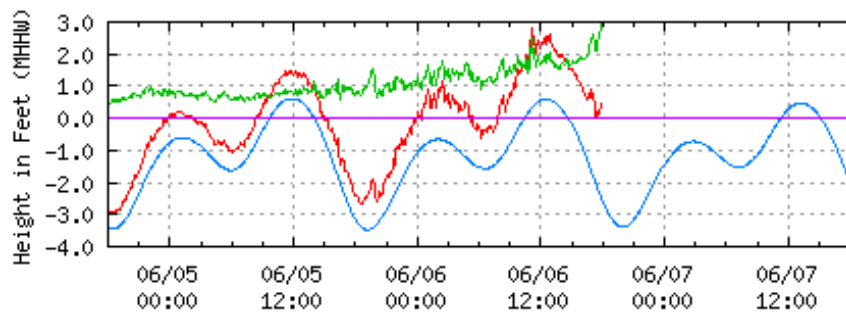


barometric pressure —

Last Observed Sample: 06/06/2016 17:54 (EDT)

Barometric Pressure: 1005.5 mb

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide —
Observed WL —

(Obs-Pred) —
MHHW —

Last Observed Sample: 06/06/2016 17:48 (EDT). Data relative to MHHW

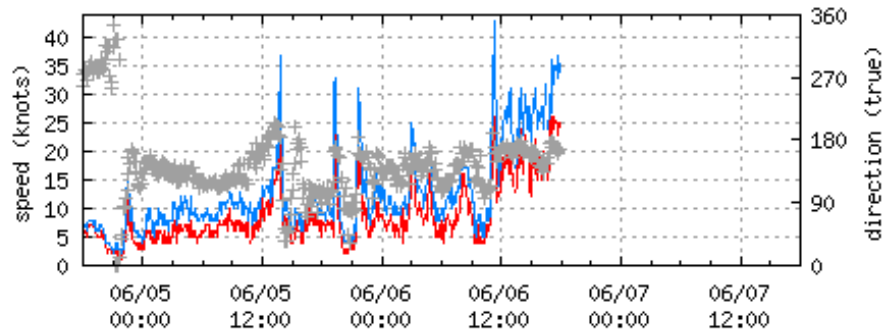
Observed: 0.47 ft. Predicted: -2.44 ft. Residual: 2.91 ft.

Historical Maximum Water Level: Mar 13 1993, 4.00 ft.

Next High Tide: 06/07/2016 02:48 (EDT), -0.72 ft.

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

Wind Speed / Gusts / Direction



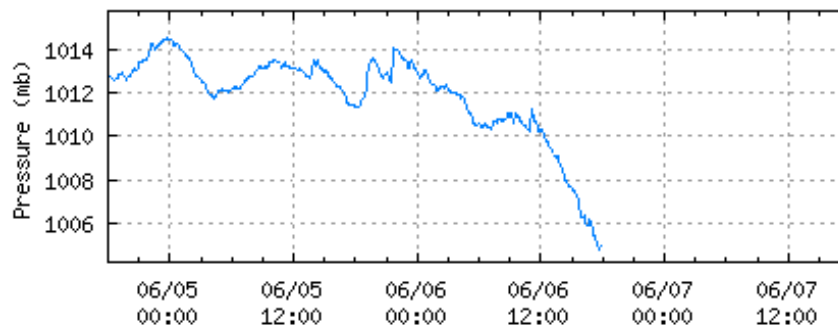
speed — gusts — direction +

Last Observed Sample: 06/06/2016 17:48 (EDT)

Wind Speed: 25 knots Gusts: 34 knots Direction: 166° T

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

Barometric Pressure

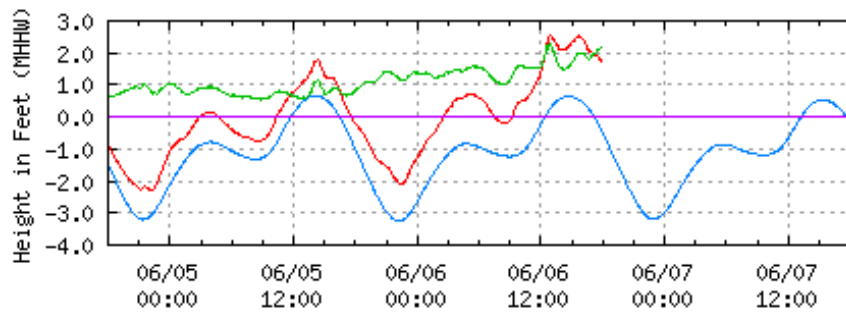


barometric pressure —

Last Observed Sample: 06/06/2016 17:48 (EDT)

Barometric Pressure: 1005.0 mb

NOAA/NOS/CO-OPS 8726667 Mckay Bay Entrance, FL
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

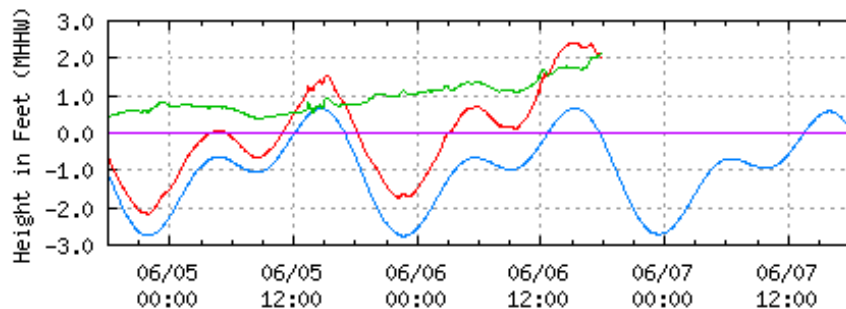
Last Observed Sample: 06/06/2016 17:54 (EDT). Data relative to MHHW

Observed: 1.76 ft. Predicted: -0.44 ft. Residual: 2.20 ft.

Historical Maximum Water Level: Oct 8 1996, 4.32 ft.

Next High Tide: 06/07/2016 05:41 (EDT), -0.85 ft.

NOAA/NOS/CO-OPS 8726607 Old Port Tampa, FL
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

Last Observed Sample: 06/06/2016 17:54 (EDT). Data relative to MHHW

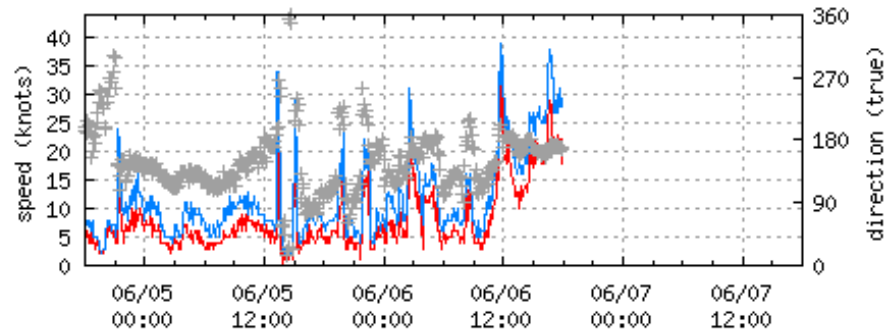
Observed: 2.01 ft. Predicted: -0.13 ft. Residual: 2.14 ft.

Historical Maximum Water Level: Oct 8 1996, 3.60 ft.

Next High Tide: 06/07/2016 06:30 (EDT), -0.68 ft.

NOAA/NOS/CO-OPS 8726607 Old Port Tampa, FL

Wind Speed / Gusts / Direction



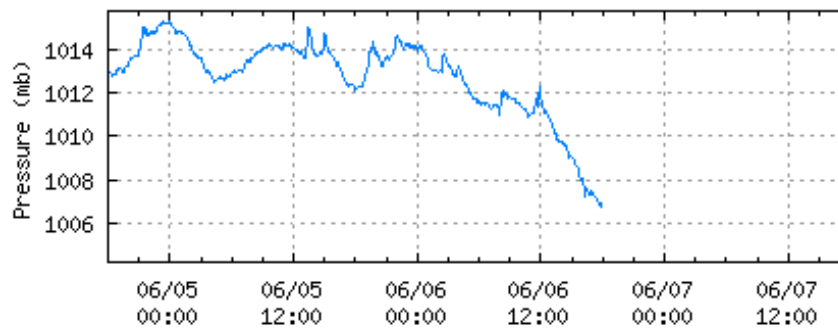
speed — gusts — direction +

Last Observed Sample: 06/06/2016 17:54 (EDT)

Wind Speed: 18 knots Gusts: 28 knots Direction: 168° T

NOAA/NOS/CO-OPS 8726607 Old Port Tampa, FL

Barometric Pressure

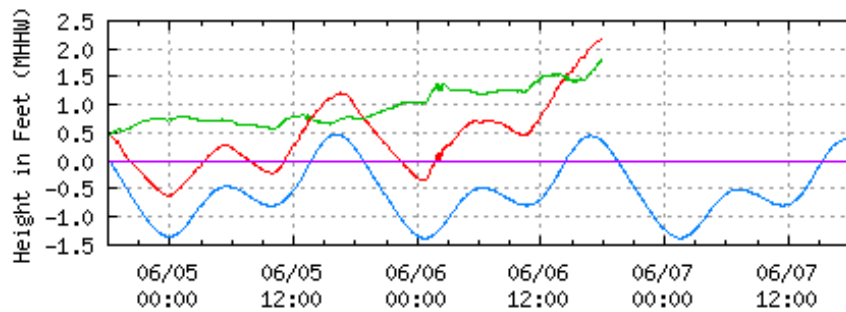


barometric pressure —

Last Observed Sample: 06/06/2016 17:54 (EDT)

Barometric Pressure: 1006.9 mb

NOAA/NOS/CO-OPS 8725520 Fort Myers, FL
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

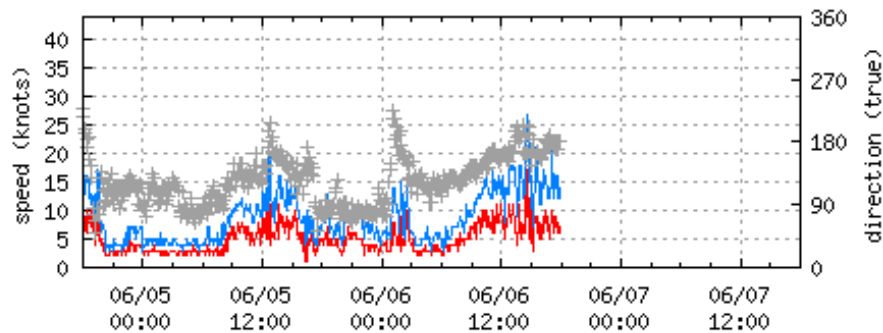
Last Observed Sample: 06/06/2016 17:54 (EDT). Data relative to MHHW

Observed: 2.16 ft. Predicted: 0.36 ft. Residual: 1.80 ft.

Historical Maximum Water Level: Nov 23 1988, 3.41 ft.

Next High Tide: 06/07/2016 07:17 (EDT), -0.51 ft.

NOAA/NOS/CO-OPS 8725520 Fort Myers, FL
Wind Speed / Gusts / Direction

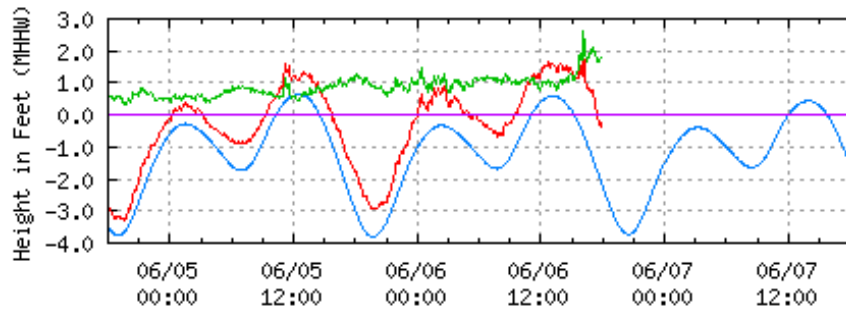


speed — gusts — direction +

Last Observed Sample: 06/06/2016 17:54 (EDT)

Wind Speed: 6 knots Gusts: 14 knots Direction: 181° T

NOAA/NOS/CO-OPS 8725110 Naples, FL
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

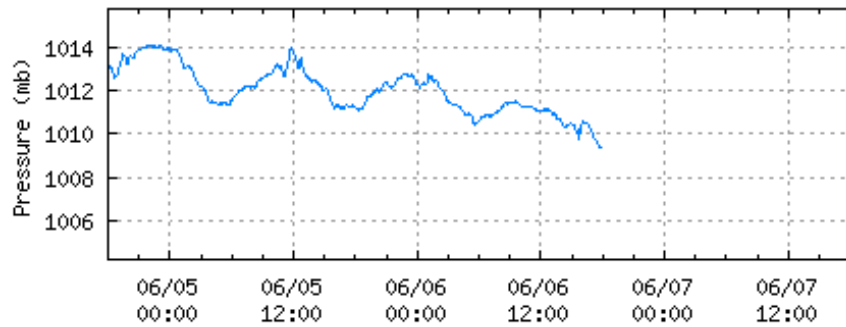
Last Observed Sample: 06/06/2016 17:54 (EDT). Data relative to MHHW

Observed: -0.36 ft. Predicted: -2.16 ft. Residual: 1.80 ft.

Historical Maximum Water Level: Dec 21 1972, 3.11 ft.

Next High Tide: 06/07/2016 03:13 (EDT), -0.39 ft.

NOAA/NOS/CO-OPS 8725110 Naples, FL
Barometric Pressure

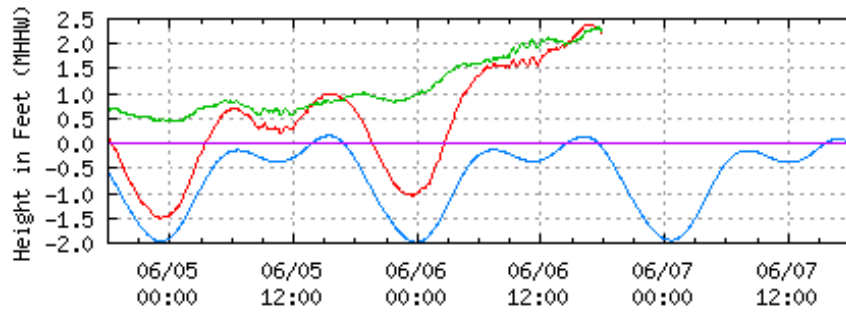


barometric pressure —

Last Observed Sample: 06/06/2016 17:54 (EDT)

Barometric Pressure: 1009.4 mb

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

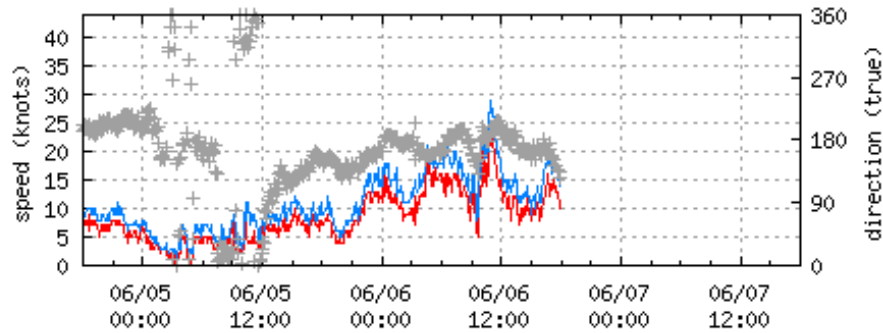
Last Observed Sample: 06/06/2016 17:54 (EDT). Data relative to MHHW

Observed: 2.22 ft. Predicted: -0.07 ft. Residual: 2.29 ft.

Historical Maximum Water Level: Jul 10 2005, 6.43 ft.

Next High Tide: 06/07/2016 08:04 (EDT), -0.15 ft.

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL
Wind Speed / Gusts / Direction

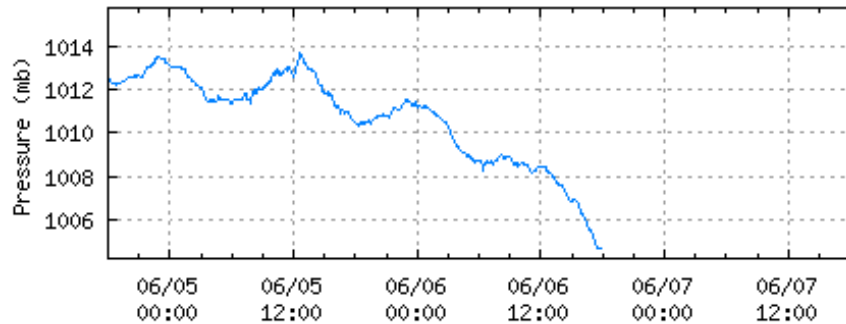


speed — gusts — direction +

Last Observed Sample: 06/06/2016 17:54 (EDT)

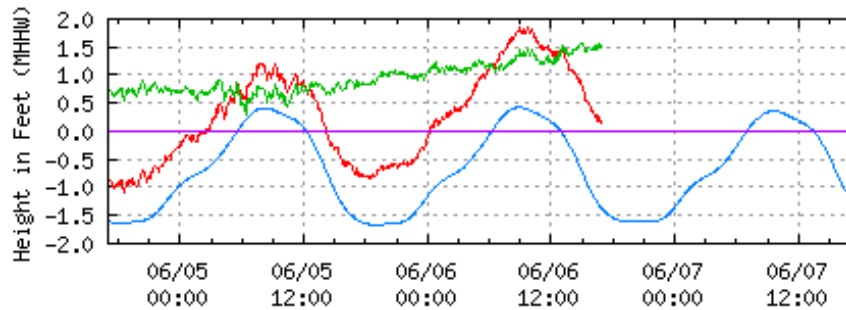
Wind Speed: 10 knots Gusts: 14 knots Direction: 125° T

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL
Barometric Pressure



barometric pressure —
Last Observed Sample: 06/06/2016 17:54 (EDT)
Barometric Pressure: 1004.7 mb

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

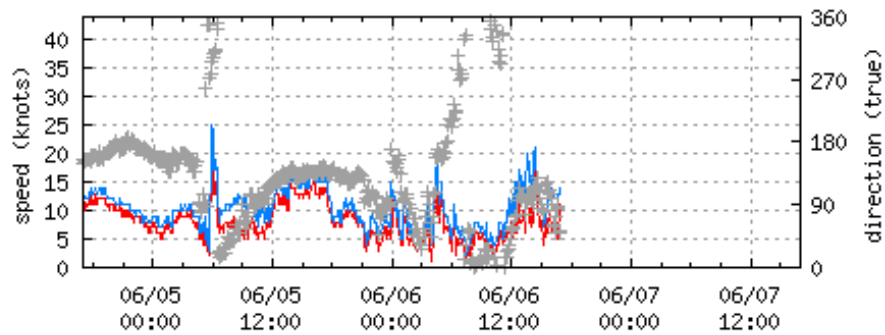
Last Observed Sample: 06/06/2016 17:00 (CDT). Data relative to MHHW

Observed: 0.14 ft. Predicted: -1.39 ft. Residual: 1.53 ft.

Historical Maximum Water Level: Oct 4 1995, 6.84 ft.

Next High Tide: 06/07/2016 09:33 (CDT), 0.36 ft.

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL
Wind Speed / Gusts / Direction

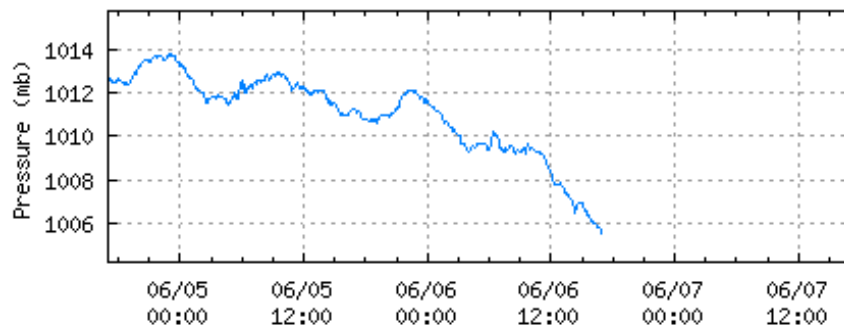


speed — gusts — direction +

Last Observed Sample: 06/06/2016 17:00 (CDT)

Wind Speed: 10 knots Gusts: 13 knots Direction: 40° T

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL
Barometric Pressure

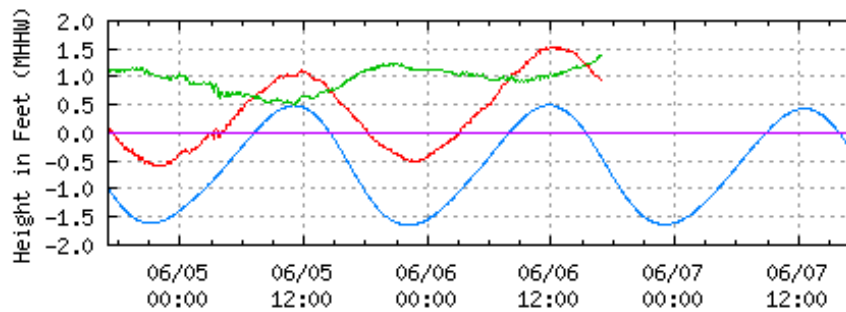


barometric pressure —

Last Observed Sample: 06/06/2016 17:00 (CDT)

Barometric Pressure: 1005.5 mb

NOAA/NOS/CO-OPS 8729840 Pensacola, FL
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

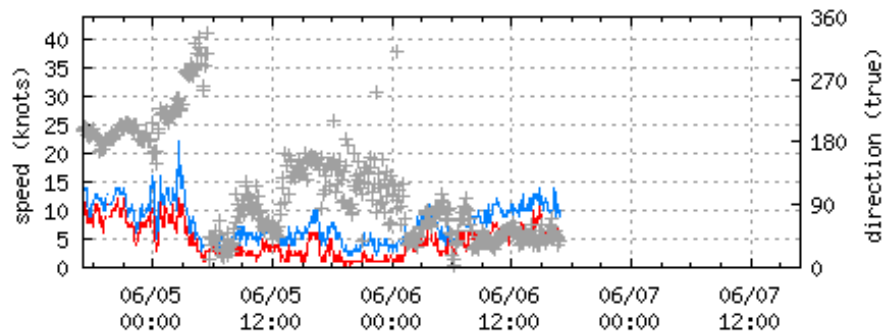
Last Observed Sample: 06/06/2016 16:48 (CDT). Data relative to MHHW

Observed: 0.96 ft. Predicted: -0.42 ft. Residual: 1.38 ft.

Historical Maximum Water Level: Sep 18 1926, 7.41 ft.

Next High Tide: 06/07/2016 12:35 (CDT), 0.43 ft.

NOAA/NOS/CO-OPS 8729840 Pensacola, FL
Wind Speed / Gusts / Direction



speed — gusts — direction +

Last Observed Sample: 06/06/2016 16:48 (CDT)

Wind Speed: 4 knots Gusts: 9 knots Direction: 38° T

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8727520	Cedar Key, FL	06/06/2016 17:54 (EDT)	1.72 ft	-1.06 ft	2.78 ft	3.63 ft
8726724	Clearwater Beach, FL	06/06/2016 17:48 (EDT)	0.47 ft	-2.44 ft	2.91 ft	2.81 ft
8726667	Mckay Bay Entrance, FL	06/06/2016 17:54 (EDT)	1.76 ft	-0.44 ft	2.20 ft	2.57 ft
8726607	Old Port Tampa, FL	06/06/2016 17:54 (EDT)	2.01 ft	-0.13 ft	2.14 ft	2.40 ft
8725520	Fort Myers, FL	06/06/2016 17:54 (EDT)	2.16 ft	0.36 ft	1.80 ft	2.16 ft
8725110	Naples, FL	06/06/2016 17:54 (EDT)	-0.36 ft	-2.16 ft	1.80 ft	1.99 ft
8728690	Apalachicola, FL	06/06/2016 17:54 (EDT)	2.22 ft	-0.07 ft	2.29 ft	2.40 ft
8729210	Panama City Beach, FL	06/06/2016 17:00 (CDT)	0.14 ft	-1.39 ft	1.53 ft	1.87 ft
8729840	Pensacola, FL	06/06/2016 16:48 (CDT)	0.96 ft	-0.42 ft	1.38 ft	1.54 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce